

To accompany plans dated

-Eye Bolts -CMS Approx. mass 1179 kg 7772 LIFTING DIAGRAM

Backside walkway (Project specific, see Project Plans).

GENERAL NOTES

AASHTO Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals, dated 2001.

CONSTRUCTION:

Standard Specifications and the Special Provisions.

LOADING:

WIND LOADING:

Normal to face of sign: 1930 Pa on 100% panel coverage.

Transverse to face of sign: 20% of normal force.

WALKWAY LOADING:

Dead load +229 kg concentrated live load.

UNIT STRESSES:

STRUCTURAL STEEL: REINFORCED CONCRETE: fy = 250 MPa fy = 415 MPa f'c = 25 MPa

FOOTING SOIL PRESSURE: 120 kPa (spread footing)

MINIMUM CLEARANCE

Vertical roadway clearance 5.50 m above roadway and shoulders

All welding continuous unless otherwise noted on the plans.

NOTES

- 1. Drill and tap for Size 63 recessed pipe plug.
- 2. Changeable Message Sign will be State-furnished.
- 3. For location and elevation of sign structure see Project Plans.
- 4. Sign support post shall be raked out of plumb with leveling nuts to make the bottom of the sign frame level.
- At final position of post top and bottom nuts shall be tightened against base plate.
- 6. See Project Plans.

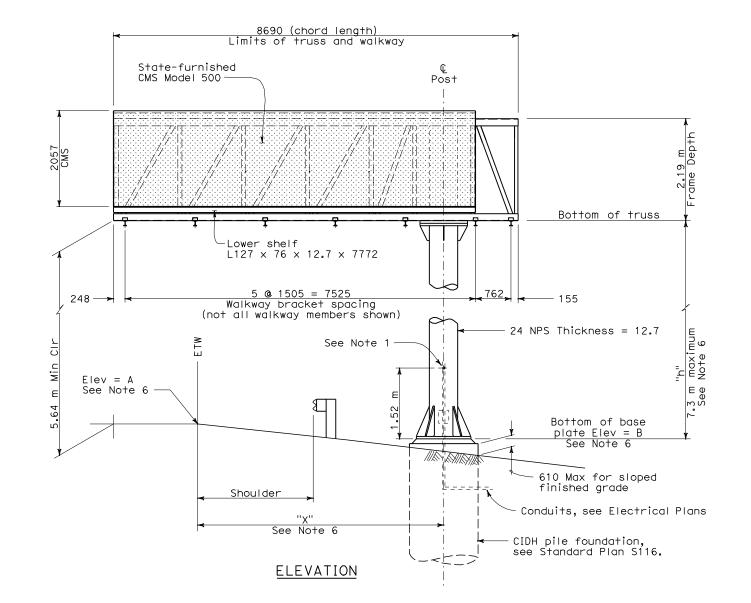
STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN-TRUSS SINGLE POST TYPE LAYOUT **UNBALANCED BUTTERFLY** CHANGEABLE MESSAGE SIGNS MODEL 500

NO SCALE

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN

RSP S101 DATED JANUARY 24, 2005 SUPERSEDES STANDARD PLAN S101 DATED JULY 1, 2004-PAGE 378 OF THE STANDARD PLANS BOOK DATED JULY 2004



PLAN

State-furnished CMS Model 500 —

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REVISED STANDARD PLAN RSP S101